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Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
7: Moshannon-----	5A	Slight	Slight	Slight	Slight	Severe	northern red oak---- sugar maple----- yellow poplar-----	85 85 95	72.00 57.00 100.00	black cherry, black locust, black walnut, eastern white pine, white oak, yellow poplar
Chagrín-----	---	---	---	---	---	---	---	---	---	---
Nolin-----	---	---	---	---	---	---	---	---	---	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
8: Lobdell-----	5A	Slight	Slight	Slight	Slight	Severe	northern red oak---- yellow poplar-----	87 96	72.00 100.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Middlebury-----	---	---	---	---	---	---	---	---	---	---
Grigsby-----	---	---	---	---	---	---	---	---	---	---
Orrville-----	---	---	---	---	---	---	---	---	---	---
Chagrín-----	---	---	---	---	---	---	---	---	---	---
9C: Allegheny-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- eastern white pine-- northern red oak---- shortleaf pine----- white oak----- yellow poplar-----	75 78 90 80 75 70 90	114.00 57.00 172.00 57.00 114.00 57.00 86.00	black walnut, eastern white pine, white oak, yellow poplar
Chavies-----	8A	Slight	Slight	Slight	Slight	Severe	black cherry----- black walnut----- hickory----- northern red oak---- shortleaf pine----- white oak----- yellow poplar-----	--- --- --- --- 76 --- 93	--- --- --- 114.00 --- 100.00	black walnut, eastern white pine, northern red oak, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
16B: Cotaco-----	9A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- northern red oak---- white oak----- yellow poplar-----	81 87 80 83 95	129.00 72.00 57.00 57.00 100.00	eastern white pine, sweetgum, white oak, yellow poplar
Allegheny-----	---	---	---	---	---	---	---	---	---	---
Monongahela-----	---	---	---	---	---	---	---	---	---	---
18: Skidmore-----	8W	Slight	Slight	Moderate	Slight	Severe	yellow poplar-----	103	114.00	American sycamore, eastern white pine, white ash, yellow poplar
Chagrin-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Sensabaugh-----	---	---	---	---	---	---	---	---	---	---
Shelocta-----	---	---	---	---	---	---	---	---	---	---
21: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black oak----- northern red oak---- white ash----- white oak----- yellow poplar-----	80 80 80 80 90	57.00 57.00 57.00 57.00 86.00	Norway spruce, black locust, black walnut, eastern white pine
Urban Land-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
21A: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black oak----- northern red oak---- white ash----- white oak----- yellow poplar-----	80 80 80 80 90	57.00 57.00 100.00 57.00 86.00	Norway spruce, black locust, black walnut, eastern white pine

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Gallipolis-----	---	---	---	---	---	---	---	---	---	---
Cotaco-----	---	---	---	---	---	---	---	---	---	---
Nolin-----	---	---	---	---	---	---	---	---	---	---
Nelse-----	---	---	---	---	---	---	---	---	---	---
21B: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black oak----- northern red oak--- white ash----- white oak----- yellow poplar-----	80 80 80 80 90	57.00 57.00 100.00 57.00 86.00	Norway spruce, black locust, black walnut, eastern white pine
Gallipolis-----	---	---	---	---	---	---	---	---	---	---
Elk-----	---	---	---	---	---	---	---	---	---	---
Monongahela-----	---	---	---	---	---	---	---	---	---	---
Nelse-----	---	---	---	---	---	---	---	---	---	---
Cotaco-----	---	---	---	---	---	---	---	---	---	---
24B: Allegheny-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- eastern white pine-- northern red oak--- shortleaf pine----- white oak----- yellow poplar-----	75 78 90 80 75 70 90	114.00 57.00 172.00 57.00 114.00 57.00 86.00	black walnut, eastern white pine, white oak, yellow poplar
Chavies-----	8A	Slight	Slight	Slight	Slight	Severe	black cherry----- black walnut----- hickory----- northern red oak--- shortleaf pine----- white oak----- yellow poplar-----	--- --- --- --- 76 --- 93	--- --- --- --- 114.00 --- 100.00	black walnut, eastern white pine, northern red oak, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
24C: Allegheny-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- eastern white pine-- northern red oak---- shortleaf pine----- white oak----- yellow poplar-----	75 78 90 80 75 70 90	114.00 57.00 172.00 57.00 114.00 57.00 86.00	black walnut, eastern white pine, white oak, yellow poplar
Chavies-----	8A	Slight	Slight	Slight	Slight	Severe	black cherry----- black walnut----- hickory----- northern red oak---- shortleaf pine----- white oak----- yellow poplar-----	--- --- --- --- 76 --- 93	--- --- --- --- 114.00 --- 100.00	black walnut, eastern white pine, northern red oak, white oak, yellow poplar
27C: Latham-----	3C	Slight	Severe	Severe	Severe	Moderate	northern red oak----	63	43.00	Virginia pine, eastern white pine, northern red oak, white ash, white oak
Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Cavode-----	---	---	---	---	---	---	---	---	---	---
27D: Latham-----	4R	Moderate	Severe	Severe	Severe	Moderate	northern red oak----	68	57.00	Virginia pine, eastern white pine, northern red oak, white ash, white oak



Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Cavode-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	---	---	---	---	---	---	---	---	---	---
Wharton-----	---	---	---	---	---	---	---	---	---	---
Lily-----	---	---	---	---	---	---	---	---	---	---
Coolville-----	---	---	---	---	---	---	---	---	---	---
29D: Lily-----	4R	Moderate	Moderate	Slight	Slight	Moderate	Virginia pine----- black oak----- chestnut oak----- northern red oak---- scarlet oak----- shortleaf pine----- white oak----- yellow poplar-----	65 78 73 78 77 63 73 95	100.00 57.00 57.00 57.00 57.00 100.00 57.00 86.00	eastern white pine, northern red oak, white oak, yellow poplar
Marrowbone-----	---	---	---	---	---	---	---	---	---	---
Matewan-----	---	---	---	---	---	---	---	---	---	---
Muskingum-----	---	---	---	---	---	---	---	---	---	---
Ramsey-----	---	---	---	---	---	---	---	---	---	---
Udorthents-----	---	---	---	---	---	---	---	---	---	---
Gilpin-----	---	---	---	---	---	---	---	---	---	---
29E: Lily-----	4R	Moderate	Moderate	Moderate	---	Moderate	Virginia pine----- black oak----- northern red oak---- yellow poplar-----	75 80 78 90	100.00 67.00 62.00 86.00	eastern white pine, shortleaf pine, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber cu ft/ac	
Marrowbone-----	---	---	---	---	---	---	---	---	---	---
Matewan-----	---	---	---	---	---	---	---	---	---	---
29F: Sharpcrest-----	3R	Severe	Severe	Severe	Slight	Severe	black oak----- scarlet oak----- white oak-----	70 65 65	50.00 43.00 50.00	eastern white pine, northern red oak, shortleaf pine, white oak
Hazleton-----	4R	Moderate	Severe	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	70 80	57.00 72.00	Austrian pine, Japanese larch, Norway spruce, black cherry, eastern white pine
Marrowbone-----	---	---	---	---	---	---	---	---	---	---
Gilpin-----	---	---	---	---	---	---	---	---	---	---
Matewan-----	---	---	---	---	---	---	---	---	---	---
31C: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Virginia pine, black cherry, eastern white pine, yellow poplar
Upshur-----	3C	Moderate	Moderate	Moderate	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- yellow poplar-----	66 80 65 80	100.00 143.00 43.00 72.00	Virginia pine, eastern white pine, northern red oak, yellow poplar
Latham-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
31D: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
32E: Gilpin-----	5R	Moderate	Moderate	Slight	---	Severe	black oak----- northern red oak---- scarlet oak----- white oak----- yellow poplar-----	82 84 75 81 92	--- 72.00 --- --- ---	Virginia pine, black cherry, eastern white pine, yellow poplar
Wharton-----	4R	Severe	Moderate	Slight	---	Severe	chestnut oak----- northern red oak---- white oak----- yellow poplar-----	65 73 65 90	48.00 55.00 48.00 91.00	black locust, black oak, chestnut oak, scarlet oak
Blairton-----	---	---	---	---	---	---	---	---	---	---
Marrowbone-----	---	---	---	---	---	---	---	---	---	---
Rayne-----	---	---	---	---	---	---	---	---	---	---
Matewan-----	---	---	---	---	---	---	---	---	---	---
32F: Gilpin-----	4R	Severe	Severe	Moderate	---	Moderate	Virginia pine----- northern red oak---- yellow poplar-----	92 79 89	86.00 57.00 86.00	Virginia pine, black cherry, eastern white pine, yellow poplar
Matewan-----	---	---	---	---	---	---	---	---	---	---
Muskingum-----	---	---	---	---	---	---	---	---	---	---
Peabody-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
33D: Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	Virginia pine----- black oak----- chestnut oak----- northern red oak---- yellow poplar-----	71 74 67 73 89	80.00 55.00 49.00 57.00 89.00	Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
43E: Pineville-----	5R	Moderate	Moderate	Moderate	Severe	---	black oak----- northern red oak---- yellow poplar-----	83 83 98	57.00 65.00 100.00	black walnut, eastern white pine, northern red oak, yellow poplar
Cloverlick-----	---	---	---	---	---	---	---	---	---	---
Highsplint-----	---	---	---	---	---	---	---	---	---	---
Beech-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
44C: Shelocta-----	5R	Severe	Severe	Slight	---	Severe	basswood----- black oak----- hickory----- northern red oak---- yellow poplar-----	--- 85 --- 86 108	--- --- --- 72.00 ---	---
Beech-----	5R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- shortleaf pine----- yellow poplar-----	83 83 96	65.00 135.00 100.00	black walnut, eastern white pine, yellow poplar
44D: Shelocta-----	5R	Severe	Severe	Slight	---	Severe	basswood----- black oak----- hickory----- northern red oak---- yellow poplar-----	--- 85 --- 86 108	--- --- --- 72.00 ---	---
Beech-----	5R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- shortleaf pine----- yellow poplar-----	83 83 96	65.00 135.00 100.00	black walnut, eastern white pine, yellow poplar
44E: Shelocta-----	5R	Severe	Severe	Slight	---	Severe	basswood----- black oak----- hickory----- northern red oak---- yellow poplar-----	--- 85 --- 86 108	--- --- --- 72.00 ---	---

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Beech-----	5R	Moderate	Moderate	Slight	Slight	Severe	northern red oak----	83	65.00	black walnut,
							shortleaf pine-----	83	135.00	eastern white
							yellow poplar-----	96	100.00	pine, yellow poplar
45C: Vandalia-----	4C	Moderate	Slight	Slight	Slight	Moderate	Virginia pine-----	70	114.00	Virginia pine,
							northern red oak----	73	57.00	black walnut,
							yellow poplar-----	75	57.00	eastern white pine, yellow poplar
Shelocta-----	---	---	---	---	---	---	---	---	---	---
Beech-----	---	---	---	---	---	---	---	---	---	---
45D: Vandalia-----	4R	Moderate	Severe	Slight	Slight	Moderate	Virginia pine-----	75	114.00	Virginia pine,
							northern red oak----	73	57.00	black walnut,
							yellow poplar-----	83	72.00	eastern white pine, yellow poplar
Shelocta-----	---	---	---	---	---	---	---	---	---	---
Beech-----	---	---	---	---	---	---	---	---	---	---
45E: Vandalia-----	4R	Severe	Severe	Slight	Slight	Moderate	Virginia pine-----	75	114.00	Virginia pine,
							northern red oak----	73	57.00	black walnut,
							yellow poplar-----	83	72.00	eastern white pine, yellow poplar
Shelocta-----	---	---	---	---	---	---	---	---	---	---
Beech-----	---	---	---	---	---	---	---	---	---	---
47: Guyan-----	6W	Slight	Moderate	Moderate	Severe	Severe	American sycamore---	---	---	Norway spruce,
							boxelder-----	---	---	eastern white
							red maple-----	80	57.00	pine, yellow
							yellow poplar-----	90	86.00	poplar

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Other Soils-----	---	---	---	---	---	---	---	---	---	---
74F: Kaymine-----	4R	Severe	Severe	Severe	---	Moderate	American sycamore--- black locust----- eastern white pine-- northern red oak---- yellow poplar-----	90 100 94 80 105	100.00 --- 174.00 62.00 115.00	Virginia pine, black locust, eastern white pine, red maple, yellow poplar
Cedarcreek-----	4R	Severe	Severe	Severe	---	Moderate	American sycamore--- eastern white pine-- northern red oak---- yellow poplar-----	90 94 80 105	100.00 174.00 62.00 115.00	Virginia pine, eastern white pine, northern red oak
Matewan-----	4R	Severe	Severe	Moderate	---	Moderate	black oak----- northern red oak--- scarlet oak-----	71 73 74	53.00 55.00 56.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Fiveblock-----	---	---	---	---	---	---	---	---	---	---
Fairpoint-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
75F: Cedarcreek-----	4R	Severe	Severe	Severe	---	Moderate	American sycamore--- black locust----- eastern white pine-- northern red oak---- yellow poplar-----	90 100 94 80 105	--- --- 174.00 62.00 115.00	Virginia pine, eastern white pine, northern red oak
Rock Outcrop-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
121: Lindside-----	5A	Slight	Slight	Slight	Slight	Severe	black walnut----- northern red oak--- red maple----- white ash----- white oak----- yellow poplar-----	--- 86 --- 85 85 95	--- 72.00 --- 114.00 72.00 100.00	---

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

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